Attorney Docket No.: 29195-8221US1 Semitool Ref No. P02-0019US2

Express Mail Label EV335521376US

<u>INVENTORSHIP DECLARATION BY JOINT INVENTORS</u>

I HEREBY DECLARE THAT:

My residence, mailing address, and citizenship are stated next to my name in PART A hereof.

I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

END-EFFECTORS AND TRANSFER DEVICES FOR HANDLING MICROELECTRONIC WORKPIECES

the specification of which:			
	is attached hereto.		
	was filed on July 14, 2003 as Application Serial No. 10/620,326.		

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim priority benefits under 35 USC §119(a)-(d) or (f), §172, or §365(a)-(b) of any foreign or international application(s) for patent or inventor's certificate listed in PART B hereof and have also identified in PART B hereof any such foreign or international application having a filing date before that of the application of which priority is claimed.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. I understand that the execution of this document does not in itself establish an attorney-client relationship between the undersigned and Perkins Coie, LLP, or any of its attorneys.

See page 2 attached, signed, and made a part hereof.

Attorney Docket No.: 29195-8221US1 Semitool Ref No. P02-0019US2

INVENTORSHIP DECLARATION BY JOINT INVENTORS

PART A: <u>INVENTOR INFORMATION AND SIGNATURE</u>

Full name of FIRST inventor: Daniel J. Woodruff				
Citizenship: <u>U.S.</u>	Mailing Address: 409 Northridge Drive Kalispell, MT 59901			
Residence (if different):				
Inventor's Signature:	2/1/20/1/ Date: 10/3/03			
Full name of SECOND inventor: <u>James J. Erickson</u>				
Citizenship: <u>U.S.</u>	Mailing Address: 135 Spring Creek Drive #4 Kalispell, MT 59901			
Residence (if different):				
Inventor's Signature:	9. El 10-3-03			

Attorney Docket No.: 29195-8221US1 Semitool Ref No. P02-0019US2

INVENTORSHIP DECLARATION BY JOINT INVENTORS

PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. § 119(a-d) and (f) § 172, or § 365(a)-(b)

Country	App. No.	Filing Date	Priority Not Claimed

Express Mail Label <u>EV335521376US</u>

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: DANIEL J. WOODRUFF ET AL.

APPLICATION NO.:

10/620,326

FILED:

OCT 1 4 2003

BADEMAR

JULY 14, 2003

FOR: END-EFFECTORS AND TRANSFER

DEVICES FOR HANDLING

MICROELECTRONIC WORKPIECES

Power of Attorney by Assignee and Certification Under 37 C.F.R. § 3.73(b)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-identified patent application, by virtue of an Assignment [filed concurrently herewith appoint the attorneys and agents listed below to prosecute this application and transact all business with the U.S. Patent and Trademark Office in connection therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 C.F.R. § 3.71.

All prior powers of attorney for this application are hereby revoked. The Assignee hereby appoints

STEPHEN E. ARNETT, Registration No. 47,392
RODGER K. CARREYN, Registration No. 50,774
CARLOS CANDELORO, Registration No. 52,691
MAY Y. CHAN, Registration No. 51,053
BRIAN R. COLEMAN, Registration No. 39,145
CHRISTOPHER DALEY-WATSON, Registration No. 34,807
PETER J. DEHLINGER, Registration No. 28,006
DAVID BOGART DORT, Registration No. 50,213
DAVID T. DUTCHER, Registration No. 51,638

LEEANN GORTHEY, Registration No. 37,337 JOSEPH HAMILTON, Registration No. 51,770 PAUL L. HICKMAN, Registration No. 28,516 EDWARD S. HOTCHKISS, Registration No. 33,904 STEVEN KELLEY, Registration No. 43,449 JONATHAN P. KUDLA, Registration No. 47,724 STEVEN D. LAWRENZ, Registration No. 37,376 JACQUELINE F. MAHONEY, Registration No. 48,390 SHAILESH MEHRA, Registration No. 44,934 JUDY M. MOHR, Registration No. 38,563 CHUN M. NG, Registration No. 36,878 KENNETH H. OHRINER, Registration No. 31,646 PAUL T. PARKER, Registration No. 38,264 MAURICE J. PIRIO, Registration No. 33,273 AARON J. POLEDNA, Registration No. 54,675 TIM R. SEELEY, Registration No. 53,575 LAUREN SLIGER, Registration No. 51,086 CARINA M. TAN, Registration No. 45,769 LARRY W. THROWER, Registration No. 47,994 GLENN E. VON TERSCH, Registration No. 41,364 JOHN M. WECHKIN, Registration No. 42,216 JAMES A.D. WHITE, Registration No. 43,985 MICHAEL J. WISE, Registration No. 34,047 ROBERT G. WOOLSTON, Registration No. 37,263 JAMES J. ZHU, Registration No. 52,396 all affiliated with Perkins Coie LLP and HARRY M. CROSS, JR., Registration No. 22,229

Direct all telephone calls to Paul T. Parker at (206) 359-3258. Address all correspondence to:

Customer No. 25096
Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
(206) 583-8888

In accordance with 37 C.F.R. § 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the Assignment noted above.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both,

under Title 18, USC § 1001 and that such willful false statements may jeopardize the validity of this application or any patent resulting therefrom.

ASSIGNEE: Semitool, Inc./

Signature:

Typed Name: Larry A. Viano

Title:

Secretary and CFO

Date:

10-7-3

Address:

655 West Reserve Drive, Kalispell MT 59901